



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
DEEMED TO BE UNIVERSITY
(Under Section 3 of UGC Act 1956)
CHENNAI • INDIA



PROSPECTUS 2019 - 2020



Prospectus 2019-20

AMETians

Holding Enviably Positions & Earning Fabulous Salary

Mr. S.H. Vebin (11th Batch-B.E. Marine Engineering)
Third Engineer in M/s.Shell Ship Management Ltd.



Mr.Saran Kumar (6th Batch -B.Sc. Nautical Science)
Chief Mate in M/s.V Ships

Mr.Vignesh (2nd Batch - B.E. Naval Architecture and Offshore Engineering)
Senior Naval Architect in M/s.Zener Marine, Dubai





Marine & Maritime Education in AMET

Maritime Education

Seagoing (DGS Approved)

- Marine Engineering
- Nautical Science

Non-Seagoing (AICTE Approved)

- Naval Architecture and Offshore Engineering
- Structural Engineering and Construction
- Petroleum Engineering
- Mining Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering
- Food Processing Technology
- Shipping & Logistics Management

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Programmes Offered & Degree Awarded

Under Graduate Programmes

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B.Tech. Food Processing Technology (3 Years)	29
B.B.A. Shipping (3 Years)	26
B.Com. Logistics and Computer Applications (3 Years)	28
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M.E. Petroleum Engineering (2 Years)	24
M.E. Naval Architecture and Offshore Engineering (2 Years)	23
M.E. Thermal and Fluid Engineering (2 Years)	21
M.E. Power Systems (2 Years)	25
MBA Shipping and Logistics Management (2 Years)	26
M.Sc. Marine Biotechnology (2 Years)	30



Short Overview

AMET, located at Kanathur, just half an hour drive from Chennai, on the breezy shore of the Bay of Bengal, is a state-of-the-art University devoted to imparting Maritime knowledge and training to cadets and students.

Established as a Private Maritime Institute through AMET Trust with just 14 cadets in 1993, AMET has, through its uncompromising strides of excellence and ambitious zeal to serve the students and nation, morphed into the first University for Maritime education in India with proud strength of over 3000 students enrolled in different intensively maritime and marine related UG and PG programmes. Now, AMET-trained Seamen sail proudly throughout the world spreading its popularity and quality training made possible through our excellent academic and professional strengths.

The proof of our quality lies in the various graduates from our School of Maritime Studies, School of Engineering & Technology, School of Science & Humanities and School of Management Studies occupying important positions in industrial houses throughout the world.

Academic

- Creatively integrated Maritime Curriculum meeting the physical, intellectual and professional needs of the cadets and the students.
- Maritime Courses which include Marine Engineering, Nautical Science, Pre Sea Training for Graduate Mechanical Engineers have found favour with our cadets interested in a career with the Merchant Navy.
- Maritime related courses such as Naval Architecture and Offshore Engineering, Petroleum Engineering, Mechanical Engineering etc., have been designed keeping in mind industry requirements.
- Management Programmes such as Shipping & Logistics, Oil & Gas Management are tailor made to address emerging issues in this dynamic sector.
- Qualified, experienced and committed academic faculties.
- Teaching through advanced technological aids.

- Uncompromising, quality-ensuring & student-friendly autonomous evaluation system headed by a Controller of Examinations.

Infrastructure

- LCD and OHP supported smart classrooms, resourced labs and ambient technical workshops.
- Providing the second best experience of 'seeing before sailing' through sophisticated Ship Simulator, Ship Replica (AMET Jewel) and Swimming Pool crisis - rehearsals.
- A state of the art TRIBON Software lab and DNV Sesam Software for Naval Architecture Students.
- A spacious hostel, with national and international cuisines.
- Gymnasium furnished with international fitness equipments and supplemented with qualified trainers.
- Medical Care and Recreational facilities.
- High speed Wi-Fi Internet connection on the campus.
- A well equipped digitalized open accessed library with plenty of books and international maritime journals and newspapers and a help-desk manned by ready-to-help librarians.

Discipline

- Zero tolerance against ragging.
- Student counseling the 'mentor' system with a qualified counsellor.

Extracurricular

- Professional sports and recreational activities efficiently managed by well qualified physical directors.
- Inspiring patronage of to bring out the creativity, latent talents and histrionic skills of the students.

Placement

- Generating 100% placement from global shipping giants, shipyards, ports, dredging companies etc.

- AMET routine of Job on Joining (JJ)
- Students' employability - enhancement through communication-enrichment effectively done by English and Soft Skills Departments.
- International certification encouraged –IELTS training offered on campus

Invitation to become AMETians

- With the sensitive and caring management, dedicated faculty and staff, consistent infrastructural upgrading and its relentless commitment to professional excellence, students' reservation and Maritime Research and Publications, AMET is fast evolving as a resource center for Maritime education and training. AMET offers an exciting "Pre Sea training".
- Skill Development is mandatory to join the course and obtain degree. To make the students employable academically, physically and morally to earn a degree from capable, value added Programmes like Communication Skills, Internship, Physical Education (Yoga & Meditation) and foreign language courses.
- Join AMET. We will take care of you and your future.

RECOGNITION AND ACCREDITATION

RECOGNITION



AMET has been recognized by Directorate General of Shipping (DG Shipping) in the year 1993 and offering Marine Engineering, Nautical Science, GME, and ETO Courses.



AMET has been conferred with Deemed to be University Status under De Novo category on August 2007 by University Grants Commission under Sec.3 of UGC Act, 1956.



All the Technical Courses offered at AMET are approved by All India Council for Technical Education, New Delhi



The National Assessment and Accreditation Council (NAAC) an autonomous institution of the University Grants Commission has assessed AMET and Accredited during November 2015. The accreditation is an indication of standards of quality as set by the NAAC and valid for a period of five years from 16-11-2015.



AMET is certified to ISO 9001:2015 QMS Standard by Det Norske Veritas for Design, Development and Conducting Maritime Training Courses, Programmes, Examinations and Assessments.



Det Norske Veritas- Germanischer Lloyds (DNV-GL) world renowned Classification society bestowed the highest **Grade A1 (Outstanding)** to AMET continuously for FIVE years after Comprehensive Inspection Programme (CIP) conducted under the authority of Directorate General of Shipping, Government of India.

ACCREDITATION

Accreditation by approving agencies is a stamp of quality. AMET in pursuit of uncompromising quality in every endeavor has obtained accreditation from various agencies such as CRISIL, RINA (Royal Institute of Naval Architects), WMU (World Maritime University) Sweden.

Directorate General of Shipping, Govt. of India is conducting accreditation/grading process through Det Norske Veritas - Germanischer Lloyds (DNV-GL) for all the Institutions of Maritime Education in India. Det Norske Veritas - Germanischer Lloyds (DNV-GL) world renowned Classification society bestowed the highest Grade A1 (Outstanding) to AMET after Comprehensive Inspection Programme (CIP) conducted under the authority of Directorate General of Shipping, Government of India, Mumbai.

Royal Institution of Naval Architects (RINA) is a world renowned and highly respected international professional institution and learned society whose members are involved at all levels in the design, construction, maintenance and operation of all marine vessels and structures. RINA has members in over ninety countries, and is widely represented in industry, universities and colleges, and maritime organizations world-wide. The Naval Architecture program at AMET has the distinction of obtaining accreditation with the highest rating by RINA.

Credit Rating and Information Services India Limited (CRISIL) is a global analytical company providing ratings, research, and risk and policy advisory services. CRISIL has awarded the highest rating for the Maritime courses held by AMET. We also get the highest appreciation by CRISIL every year.

AMET's quality training and professionalism has been recognized in the form of Awards and Agreements like Sailor Today Training Award, Seatrade Asia Awards etc...

Collaboration with Various Global Maritime Institutions and Universities, strong and goal oriented industry institute-interface and increasing international student's enrollment lend an additional impetus and vibrancy to the already robust AMET. Recently AMET has signed a Memorandum of Understanding with World Maritime University, Sweden and Danish Maritime University etc.

The quality and standards of all programs conducted at AMET are certified on the basis of inspection carried out under ISO 9001:2015 by DNV.





Chancellor Speaks

Hearty welcome to AMET- India's First Maritime University and internationally acclaimed by oil, ocean engineering, Biotech and logistic industries. Beyond question, where we have a great demand for highly qualified and well trained troubleshooting man power on one hand, on the other hand we have the enthusiastic and exuberant youngsters longing for a challenging and rewarding career. The converging and meeting point of both would be AMET.

The most significant point of consideration here is 'making a choice'. Undoubtedly, a choice related to a career oriented course. The next stage of choice is an academy where they can be trained and transformed to pursue it. To accomplish this, AMET would be the best choice and right academy, An academy for career development and change for betterment in life. AMET is determined in disseminating, inculcating and infusing high moral excellences, values and ethics in our students. AMET is dedicated to impart the best possible education to the talented students as well as diverse students' fraternity, at large.

AMET has internationally collaborated with reputed universities in UK & Belgium. And there has been abounding awards that corroborate the reasons for being the best and outstanding.

AMETians can be great navigators and voyagers. They can study the waves and design breakwater to protect a beach or harbor from mighty waves. They can dredge and design ports and operate logistics. They can design and build any floating object from a yacht to a submarine, to a warship to an offshore oil-rig. They learn to rig oil, design an oil-well and construct a reservoir. This is an inexhaustible list and just a brief of what they are trained for. This is the sea related courses which grew stronger affinity between the student fraternity and AMET in the past. The new possibilities, vistas and vision of the sea offer us new possibilities for the future. The extra-curricular activities bring in a holistic growth in them.

I cherish the sojourn of the top shipping companies of the world that have been visiting AMET for recruiting our cadets year after year and also sharing valuable feedback to put us on our toes to help us to excel in our endeavor to be always the best. Attitude Making, Empowering Transformation is what AMET has been striving to do since choosing quality. I appreciate the choice of every aspiring student to join AMET as it has proven itself as a springboard for SUCCESS. I welcome you to join us to bring in changes that is the need for the hour. Join us as innovators of change.

Dr. J. Ramachandran

Pro Chancellor Speaks



My Dear Students,

Everyone knows that the economic growth of any nation largely depends upon the amount of trade it transacts with fellow countries, thereby augmenting its foreign exchange reserves. Further in the present context, more than 80 percent of global trade has been carried out through navigation so suffice to say that there is a heavy demand for trained and qualified seafarers by various International Shipping Industries to operate their commercial fleet of vessels and also its allied Units. Though there are umpteen numbers of educational institutions exist in India, more particularly in Tamil Nadu in the discipline of Engineering, there are only a few reputed institutions that impart education and training in Maritime Education among which, I am much proud to say, AMET has been placed as the number one Institution.

On this score, I must offer my congratulations to you for the right option you have exercised in choosing maritime education to shape and decide as your future career. I am particularly happy that you have chosen AMET, as the right institution to fulfill your desire and aspiration of becoming a professional Mariner. In this context, I assure you that your dream will certainly become reality, once you leave the institution after the successful completion of your course and training here at AMET.

I assure you that AMET, with its dedicated team, qualified and practical oriented faculty members and also with its modernized infrastructure, will always put-forth all its efforts to make you the best trained and knowledgeable sea-farer, a full-fledged Mariner, capable of facing any challenge in the course of his future career. Above all, the University will always strive hard, to provide employment opportunities for all its talented and well trained cadets/students in the Shipping and other Allied Industries through its well established Placement Division.

I wish you all good luck and let your stay and study at AMET be fruitful and fulfilling one for all of us.

Dr. Rajesh Ramachandren

Vice Chancellor's Message



Today, we live in a society supported by a global economy, which simply could not function, if it were not for shipping. Shipping serves global trade by carrying huge quantity of cargo, all over the world, cost-effectively, cleanly and safely. Establishing sustainable maritime transportation sector is essential to the development and growth of the world's economy.

But, if the world depends on a safe, secure and efficient shipping industry, the Shipping Industry, in turn, is dependent on an adequate supply of seafarers to operate the ships that carry the essential cargo, we all rely on. Efficient, effective and safe operation on-board ships depend on several factors of which the quality of seafarers is the most important one.

Indian seafarers have been in enormous demand internationally for several decades, due to the quality, commitment and hard work of the seafarers.

AMET Deemed to be University has the Vision and Mission of producing globally competent seafarers and established its success by sending around 12,000 graduate cadets to the International Shipping, for the last twenty five years.

As an aspirant to become a meritorious and employable in Foreign Flag Shipping Companies of the world, your right choice should be with AMET. In this context, you can be rest assured that AMET would always keep your interest alive for ever and ensures to provide quality education and training with discipline in all perfection to become qualified and trained Mariners, thereby to land you successfully at the destination of your expectation.

With all good wishes

Col. Dr. G. Thiruvassagam



INTERNATIONAL BOARD OF ADVISORS



Ms. Wiebe Schuett
Managing Director,
Wallem Ships, Germany



Capt. A.R. Sabnis
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Goodwood Ship Management Pte Ltd.,
Singapore



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Mr. Rajaish Bajpae
CEO, Bernhard Schulte Ship Management,
Hong Kong



Mr. Lars Modin
President & CEO,
International Tanker Management,
Pan Asia



Mr. Paulino Baiona
Marine Superintendent,
Sonangol



Capt. Navin Passey
Managing Director
Wallem Shipmanagement (Hong Kong),
India



Mr. Thomas Campbell
Manager –Fleet Training & Cadets
Northern Marine Manning Services
Scotland, UK



Vision & Mission

Vision

To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and a transformation impact on the Global Society.

Mission

AMET will strive continuously to

- Impart value-based higher education and technical knowledge with uncompromising strides of an outstanding quality.
- Emerge as a Centre of Excellence inculcating skill development in recent technologies in accordance with industrial trends.
- Create World class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education.
- Nurture talent and entrepreneurship to enable all round personality development among students.
- Empower students across socio economic strata.
- Make a positive difference to society through technical education.

Quality Policy

AMET is committed to provide the highest quality in education and be the most preferred institution for pursuing marine and marine related courses.


This will be achieved by consistent focus on:

- Providing a conducive, vibrant, progressive and enriching learning atmosphere.
- Teaching Excellence and Research Output.
- Global outlook and engaging with the world through learning, teaching and research.
- Providing competitive advantage in gaining employment for further academic opportunities.
- Maintaining excellent links with commerce and industry both national and international.
- Complying with all applicable requirements and continually improving the effectiveness of Quality Management System.



GRADE A1 - OUTSTANDING

Accreditation by Directorate General of Shipping, Govt. of India



Certificate No. 00463-16-CIP05-Mumbai

CERTIFICATE OF INSPECTION

This is to state that AMET University,
Address: 135, East Coast Road, Kanathur, Chennai-603112, India is conducting the following approved Pre-sea courses:

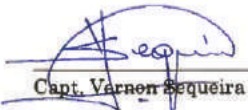
BE (Marine Engineering)
B.Sc (Nautical Science)
Graduate Mechanical Engineer (GME)
Electro Technical Officer (ETO)

The institute has been inspected as per the Comprehensive Inspection Programme Guidelines of the Director General of Shipping, issued vide DGS Order No. 04 of 2016 dated 12.09.2016, and it is certified that:


1. The Institute meets the training requirement criteria as required under the STCW Convention, as amended in 2010.
2. The Institute complies effectively with all applicable Merchant Shipping Rules, and other associated orders, circulars and guidelines issued by the Directorate General of Shipping.
3. The Institute implements and maintains a quality system, in accordance with the ISO or equivalent standards, as per the requirements of the STCW convention.
4. The Institute has been assigned **Grade A1 (Outstanding)** for three years from date of issue of this certificate on the basis of Inspection as carried out on 10th and 11th November 2016, subject to Annual Inspections / Endorsements shown overleaf.

Validity of the Certificate: 17.11.2019
This certificate is issued based on inspection date 11.11.2016

This Certificate is issued under authority of The Directorate General of Shipping, Govt. of India.

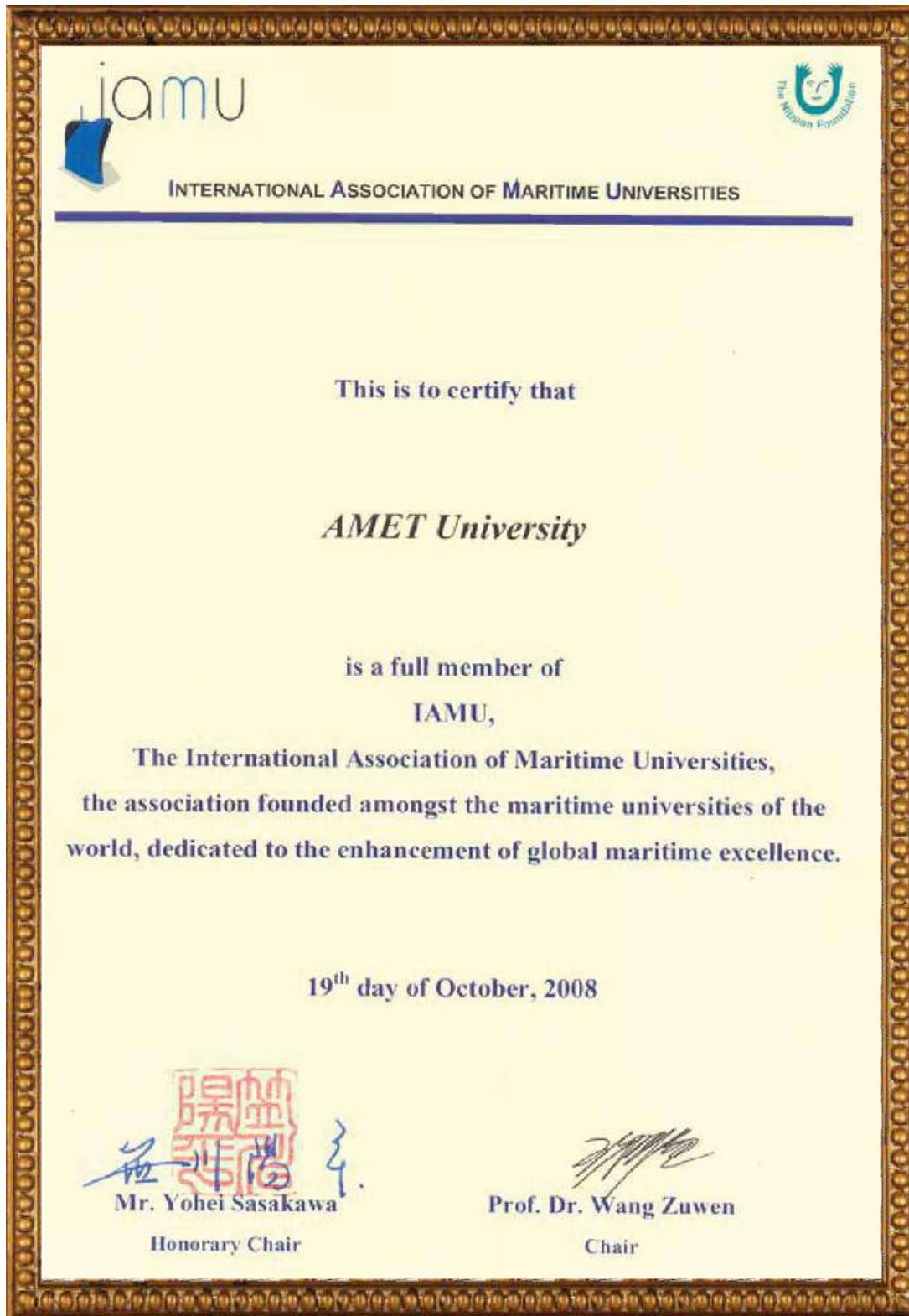


Capt. Varnon Sequeira

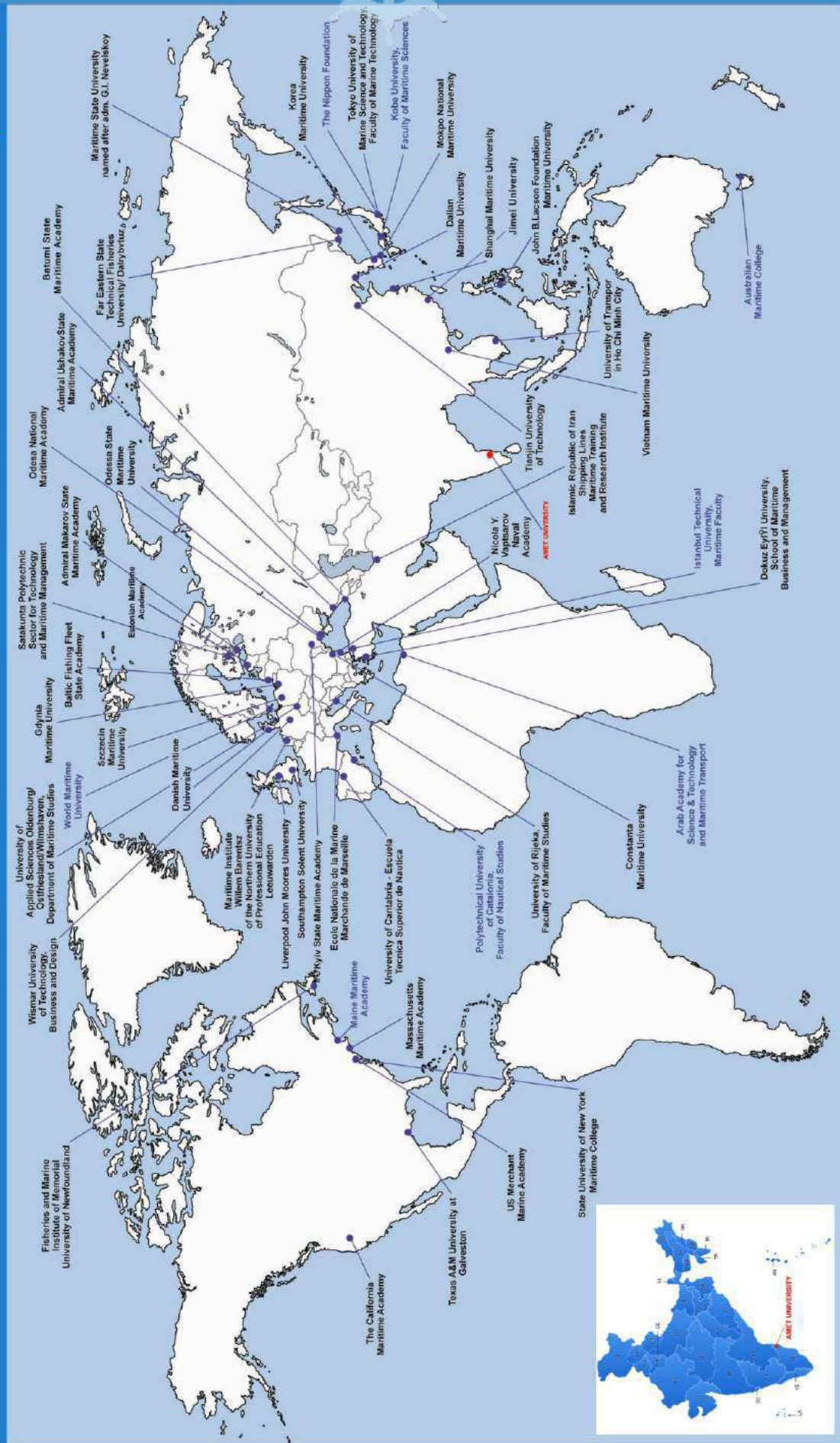


Mumbai, 2016.11.18

Very proud to be a member of the IAMU



35 Member Universities of International Association of Maritime Universities (IAMU)







Department of Nautical Science

Department of Nautical Science

Programme Offered

Under Graduate Programme

- B.Sc. Nautical Science

B.Sc. Nautical Science (3 Years)

Approved by the Directorate General of Shipping, Government of India. Leading to "Second Mate's (Foreign - Going) Certificate of Competency" awarded by the D.G. Shipping, Ministry of Shipping, Government of India after twelve months of Sea Service. This enables the cadets to become Navigating Officers on board Merchant Navy Ships worldwide and progressively grow to the rank of captain.

Duration : 3 years (6 semesters fully residential course.)

Entry : Age : Not more than 25 years at the time of commencement of the course.

Eligibility (as per MS Notice No.24 of 2002)

A pass in Plus-two (12th Standard) or its equivalent, with minimum 60% aggregate in Maths, Physics and Chemistry group and at least 50% marks in English.

Mode of Selection : Admission Test, Interview and Fitness

Medical Standard : Candidates should be physically & mentally fit for sea service under standard norms, should not be colour-blind, with 6/6 for each eye separately. Candidates wearing spectacles are not eligible.

Sanctioned Strength : 360

Boys and Girls are eligible to apply.

COMPANIES THAT VISITED AND RECRUITED STUDENTS

- A.P.MOLLER SINGAPORE PTE LTD, SINGAPORE
- STELLAR OCEAN TRANSPORT LLC
- SHELL SHIP MANAGEMENT LIMITED, U.K
- BERNARD SCHULTE
- WALLEM SHIPMANAGEMENT LTD., HONG KONG
- TANKER PACIFIC MANAGEMENT (S'PORE) PTE LTD,
- EAGLE SHIPMANAGEMENT PTE LTD, SINGAPORE
- EURASIA, HONG KONG
- UNITED OCEAN SHIPPING COMPANY PTE LTD,
- FLEET MANAGEMENT LTD, MUMBAI, INDIA
- INDIA CEMENTS
- ISHIMA PTE LTD, SINGAPORE
- NOL / APL, SINGAPORE
- MERCATOR LINES
- MITSUI O.S.K. LINES
- UNIVAN SHIPPING
- NORTHERN MARINE MANAGEMENT (I) P LTD,
- PACIFIC INTERNATIONAL LINES (PTE) LTD, S'pore
- SEA TEAM MANAGEMENT
- SELANDIA MARINE SERVICES PVT LTD, MUMBAI, INDIA
- K-LINE SHIPMANAGEMENT CO. LTD, JAPAN
- SYNERGY
- STAR MARITIME (ETA)
- MMS
- UASC
- V SHIPS
- VARUN SHIPPING COMPANY LIMITED, MUMBAI, INDIA
- DOHLE DANAUTIC SHIP MANAGEMENT, GERMANY
- WESTERN SHIPPING PTE LTD, SINGAPORE
- IMS
- TORM SHIPPING
- SEASTAR
- FIVE STAR BULK CARRIER
- ZODIAC SHIPPING, LONDON
- AMERICAN EAGLE TANKER
- HERNING SHIPPING





Department of Marine Engineering

Department of Marine Engineering Programmes Offered

Under Graduate Programmes

- B.E. Marine Engineering (4 years)

B.E. Marine Engineering (4 Years)

This Course is approved by the Directorate General of Shipping Government of India. After successfully completing the degree and TAR Book competency examinations held at AMET, the candidate will be eligible to obtain exemption for **PART A Examination of MEO Class IV Certificate of Competency** issued by the Directorate General of Shipping, Government of India.

Course Duration : 4 years of 8 semester residential course.

Eligibility Criteria

Qualification: Pass in (10+2) or equivalent examination with Physics, Chemistry, Mathematics as separate subjects with a PCM average of not less than 60% and 50% in English.

NOTE: Part Time or Distance Learning or Correspondence Course or any combination of these will not be considered .

Age: Below 25 years at the time of commencement of the course.

Mode of Selection: Entrance Exam, Interview and Fitness

Medical Standard: Candidates should be physically fit for sea service under standard norms with eyesight up to 6/12 in both eyes or 6/9 in better eye 6/18 in other eye and with no color blindness.

Sanctioned Strength : 360

Boys and Girls are eligible to apply

Lateral entry admission subject to availability of seats.

LIST OF COMPANIES WHICH RECRUITED OUR B.E. MARINE ENGINEERING CADETS

- A.P.MOLLER SINGAPORE PTE LTD, SINGAPORE
- ADANI
- AMERICAN PRESIDENT LINES
- AMET MAJESTY
- BERNARD SCHULTE
- IMS
- DOHLE DANAUTIC SHIP MANAGEMENT, GERMANY
- EAGLE SHIPMANAGEMENT PTE LTD, SINGAPORE
- EURASIA, HONG KONG
- FLEET MANAGEMENT LTD, MUMBAI, INDIA
- INDIA CEMENTS
- ISHIMA PTE LTD, SINGAPORE
- K-LINE SHIPMANAGEMENT CO. LTD, JAPAN
- MERCATOR LINES
- MITSUI O.S.K. LINES MARITIME (I) P LTD, M'BAI, INDIA
- MMS, NEILSOFT, INDIA
- NOL / APL, SINGAPORE
- NORTHERN MARINE MANAGEMENT (I) P LTD, M'BAI, INDIA
- OASIS SHIPMANAGEMENT, DUBAI
- OFER SHIP MANAGEMENT, SINGAPORE / MUMBAI
- PACIFIC INTERNATIONAL LINES (PTE) LTD, SINGAPORE
- SEA TEAM MANAGEMENT
- SELANDIA MARINE SERVICES PVT LTD, MUMBAI, INDIA
- SHELL SHIP MANAGEMENT LIMITED, U.K
- SYNERGY
- STAR MARITIME (ETA)
- TANKER PACIFIC
- MANAGEMENT (S'PORE) PTE LTD, S'PORE
- UASC
- UNITED OCEAN SHIPPING COMPANY PTE LTD
- UNIVAN SHIPPING
- V SHIPS
- MONACO,
- VARUN SHIPPING COMPANY LIMITED, MUMBAI, INDIA
- WALLEM SHIPMANAGEMENT LTD., HONG KONG
- WESTERN SHIPPING PTE LTD, SINGAPORE
- STELLAR OCEAN TRANSPORT LLC
- TORM SHIPPING
- SEASTAR
- FIVE STAR BULK CARRIER
- LARSEN & TOUBRO
- ZODIAC SHIPPING, LONDON
- HERNING SHIPPING
- AMERICAN EAGLE TANKER



SHIP-IN-CAMPUS

JEWEL OF AMET





Department of Mechanical Engineering

Department of Mechanical Engineering

Programmes Offered

Under Graduate Programme

- B.E. Mechanical Engineering (4 years)

Post Graduate Programme

- M.E. Thermal and Fluid Engineering (2 years)

B.E - Mechanical Engineering

(Full time: 4 years - 8 Semesters)

AMET Mechanical engineering programme is especially made for those who are all dreaming about to become a Marine engineer. Because the curriculum is designed with the inclusion of Marine and Naval Architecture objects which creates an opportunity to take up one year course called Graduate Marine Engineering (GME) and enters into the merchant navy.

Eligibility:

A Pass in Plus-two (12th Standard) or its equivalent, with minimum 50% marks for OC and 45% for others aggregate in Maths, Physics and Chemistry group from any recognized board. Minimum 50% marks in the English either in +2 or 10th, Boys and Girls are eligible to apply.

Lateral Entry Eligibility:

A Pass in DME / DAE / DPE / DNAOE / B.Sc. (Mathematics / Physics / Chemistry) with a minimum of 50% marks. Both Boys and Girls are eligible to apply.

Mode of selection:

Entrance exam and Personal interview

Sanctioned Strength : 120

M.E. Thermal and Fluid Engineering

(Full time: 2 years - 4 Semesters)

The course is suitable for engineering graduates and professionals who not only wish to enhance their expertise in thermo fluids but also to develop their competence in the use of state-of-the-art analytical, computational and experimental methods; advanced methods which are specifically designed for the analysis of heat and fluid flow in both industrial and research applications.

The objectives of this course are to produce postgraduate specialists with:

- Advanced understanding of heat and fluid flow processes and their role in modern methods of power generation.
- In-depth understanding of numerical and experimental techniques in heat and fluid flow.

Eligibility: A Graduate who have passed in B.E./B.Tech in Mechanical Engineering / Automobile Engineering / Chemical Engineering / Aerospace Engineering / Marine Engineering are eligible to apply.

Mode of selection: Entrance exam and personal interview

JOB OPPORTUNITIES

The successful post graduates in Thermal and Fluid engineering would get placed not only in leading marine engineering manufacturing companies but also in any other IC engineering manufacturing companies around the globe. They would also be able to work as IC engine designers in various automotive industries and carry out research projects in renowned IC engines research laboratories.

Sanctioned Strength : 18



Department of Mining Engineering

Programmes Offered

Under Graduate Programme

- B.E. Mining Engineering (4 years)

B.E. Mining Engineering

Duration : 4 Years (8 Semesters)

Eligibility : 12th Pass with minimum 50% in Mathematics, Physics and Chemistry and 50% English (10th or 12th)

Mode of Selection: Entrance Exam and Personal Interview

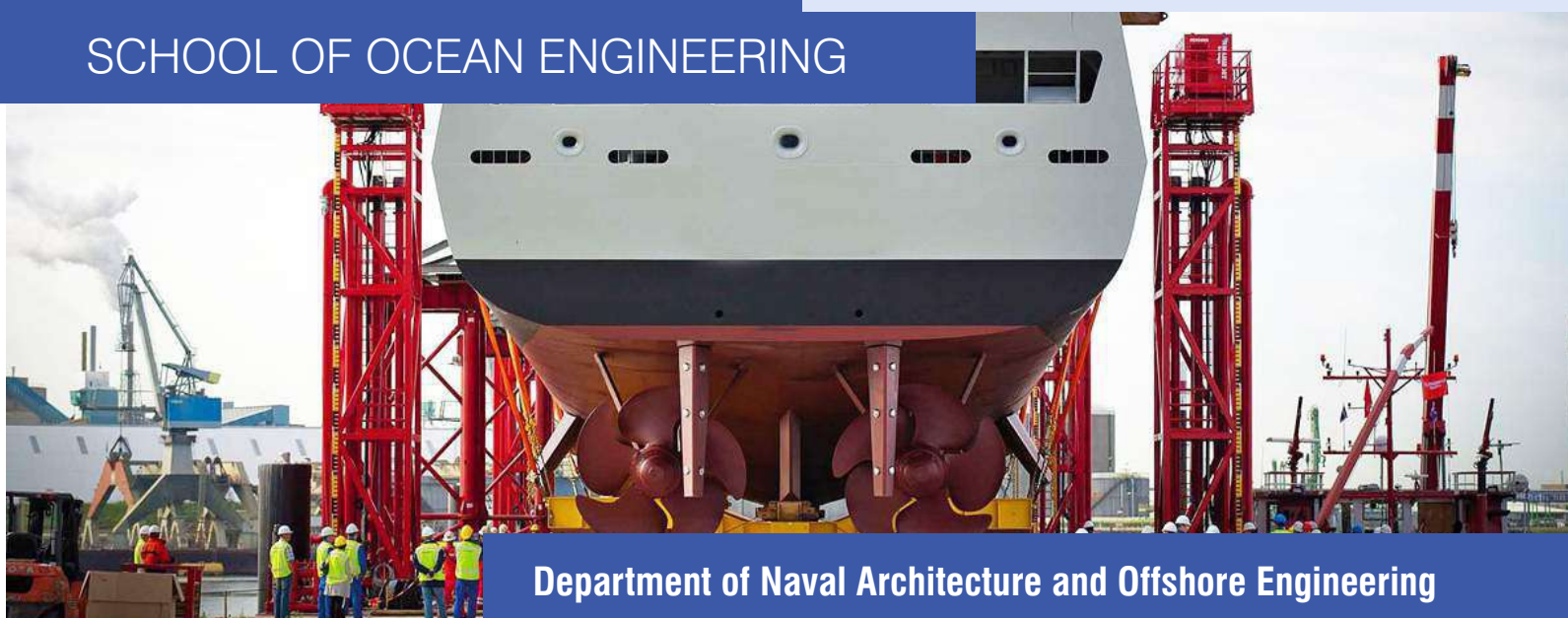
Sanctioned Strength : 60

Specialization in :

- Modern Mining curriculum
- Industry oriented syllabus
- Industrial internship
- ICT enabled teaching
- Faculties with Industrial Experience

Employment Opportunities :

- Large Corporate Multinationals like Tata Steel, Jindal, Essar Steel, Essel and Vedanta Mining
- Other corporates India Cements, Ramco Cements, Adhunik and Visa Steel etc.
- Public sectors, Coal India Ltd., Neyveli Lignite Corporation, Eastern Coal Fields, Hindustan Copper Ltd., Kolar Gold Ltd., etc.
- Government organizations, Department of Mines State and Central Govt. of India, Indian Bureau of Mines, FEMI etc.
- Research Institutions PRL, DTRL, DRDO etc.
- International Corporates, BHP Billiton, Anglo American, Vedanta Corp., Ecostar International etc.



Department of Naval Architecture and Offshore Engineering

Department of Naval Architecture and Offshore Engineering

Programmes Offered

Under Graduate Programme

- B.E. Naval Architecture and Offshore Engineering (4 years)

Post Graduate Programme

- M.E. Naval Architecture and Offshore Engineering (2 years)

B.E. Naval Architecture & Offshore Engineering

Duration : 4 years- All 4 years at AMET, Chennai.

(or)

4 years- Year I & II at AMET, Chennai.

Year III & IV at University of Strathclyde, Glasgow, U.K.

Degree awarded by University of Strathclyde, U.K.

Eligibility : A pass in plus-two (12th standard) or its equivalent, with minimum 50% Marks for OC and 45% for others aggregate in Maths, Physics and Chemistry Group from any recognized Board.

Lateral Entry :

- (i) Diploma Mechanical / Civil Engineering students

are eligible to be admitted in second year of the study.

(ii) B.Sc. Mathematics / Physics graduates are eligible to be admitted in second year of the study.

Mode of Selection : Entrance exam and Personal Interview

Sanctioned Strength : 60

Boys and Girls are eligible to apply

***Lateral Entry subject to availability (The above eligibility criteria applicable for other BE courses)**

M.E. Naval Architecture and Offshore Engineering

Duration : 2 Years

Eligibility : Under Graduate Degree in Naval Architecture, Ship Building, Petroleum, Marine Engineering, Mechanical, Civil, Aeronautical, Production & Industrial Engineering.

Mode of Selection : Entrance exam and Personal Interview

Sanctioned Strength : 18

Boys and Girls are eligible to apply

PLACEMENT OF STUDENTS IN VARIOUS OFFSHORE COMPANIES/ SHIPYARDS

• Petrofac Pvt. Ltd., Chennai	• Sembawang Shipyard Ltd., Singapore	• Nakilat Keppel Offshore & Marine, Qatar
• Mazagon Dock Limited	• Dubai Dry Docks	• Timblo, Goa
• Pipavav Shipyard Ltd.	• DRDO, Andaman	• Maritech Engineering, Mumbai
• Bharati Shipyard Ltd	• Goa Shipyard Ltd	• Axsys Tech. Ltd., Kolkata
• Cochin Shipyard Ltd	• Tebma Shipyard	• Iship Design, Gujarat
• Conceptia, Bangalore	• Shinyang Shipyard	• IRS, Mumbai
• Colombo Dock Yard	• Sea Blue Shipyard Ltd.	• Zebec Marine, Mumbai
• L&T, Chennai	• Keppel Offshore(NKOM) Yard, Qatar	• ABG Shipyard
• Mc Dermott Engineering	• Navagathi, Cochin	• Zener Marine, Mumbai
• Cyber Marine, Mumbai	• Neilsoft Designs	• SEDS, Kochi

*Many of our students are Pursuing/Completed their higher studies in India and Abroad.



Department of Petroleum Engineering

Programmes Offered

Under Graduate Programme

- B.E. Petroleum Engineering (4 years)

Post Graduate Programme

- M.E. Petroleum Engineering (2 years)

B.E. Petroleum Engineering

Duration : 4 Years (8 Semesters)

Eligibility Criteria: A Pass in Plus 2 (12th Standard) or its equivalent with a minimum of 50% marks for OC and 45% marks for others each in Mathematics, Physics and Chemistry and 50% marks in English from any recognized Board. An aptitude for field work is necessary.

Lateral Entry Eligibility:* B.Sc. Degree in Geology or Diploma Mechanical or Chemical Engineering with 60% Marks. Good Communication and Writing skills in English and basic knowledge of Computer Science are essential.

Mode of Selection : Entrance Exam and Personal Interview

Sanctioned Strength : 60

Boys and Girls are eligible to apply

***Lateral Entry subject to availability**

M.E. Petroleum Engineering

This Programme leads to a Post Graduate Degree in one of the most fascinating and greenfield sector in the industrial arena. The Course is concerned with the subsurface activities relation to Hydrocarbon Exploration, Exploitation, Refining, Transportation and Marketing.

Duration : 2 Years (4 Semesters)

Eligibility : B.E. Degree in Petroleum Engineering, Mechanical Engineering, Chemical Engineering, M.Sc. Geology, M.Sc. Geophysics.

Mode of Selection : Entrance Exam and Personal Interview

Sanctioned Strength : 18

EMPLOYED IN COMPANIES LIKE

- Oil and Natural Gas Corporation (ONGC) Limited
- Hindustan Oil Exploration Company (HOEC)
- Schlumberger
- Halliburton
- Baker Hughes
- Larsen & Toubro (L&T)
- Cairn India
- Petrolink Data Services
- Tangent Oil
- Aban Offshore
- Oil Field Services
- Reva Phoenix
- Brunei Energy
- Sinopec
- Saudi Aramco
- Texas Oil
- Al Mansoori, Dubai etc.



Department of Electrical and Electronics Engineering

Department of Electrical and Electronics Engineering

Programmes Offered

Under Graduate Programme

- B.E. Electrical and Electronics Engineering-Marine (4 years)

Post Graduate Programme

- M.E. Power Systems (2 years)

B.E. Electrical and Electronics Engineering-Marine

Duration : 4 Years

Eligibility : 12th Pass with minimum 50% in Mathematics, Physics and Chemistry and 50% English (10th or 12th)

Mode of Selection: Entrance Exam and Personal Interview

JOB OPPORTUNITIES

Onboard Ships, Ship yards, Ship Manufacturing industries, Marine Machinery Industries, Energy and Power Consulting Roles, Power Distribution and Transmission Companies, Engineering Procurement Construction Companies, Power and utilities Industries, Oil and Gas Industries, Renewable Energy Industries and Offshore Energy Industries etc.

Sanctioned Strength : 60

M.E. Power Systems

Duration: 2 Years

Eligibility : BE degree in Electrical and Electronics Engineering, Electronics and Communication Engineering, Electronics and Instrumentation Engineering, Instrumentation and Control Engineering, Electrical and Electronics Engineering, Marine Engineering, Naval Architecture and Offshore Engineering, Ocean Engineering, Petroleum Engineering, Harbour Engineering.

Mode of Selection: Entrance Exam and Personal Interview

Sanctioned Strength : 18

COMPANIES RECRUITED OUR STUDENTS

- | | |
|------------------------------|----------------------------|
| • ZIM Lines | • Dohle Danautic Shipping |
| • XT shipping | • American President Lines |
| • VR Maritime | • Wallem Ship Management |
| • Ishima | • United Arab Shipping |
| • A.P MOLLER | • Tank Pacific |
| • Anglo-Eastern Shipping | • American Eagle Tankers |
| • Zoziac Ship Management | • Radio Holland |
| • Sembcorp Marine, Singapore | |



Under Graduate Programmes

Programmes Offered

Under Graduate Programmes

- B.B.A. Shipping

Post Graduate Programme

- M.B.A. Shipping and Logistics Management

B.B.A. Shipping

Duration : 3 years / 6 semesters

Eligibility : Pass in Higher Secondary with 50% marks.

Mode of Selection : Examination Exam and Personal Interview

Job Opportunities

Executive position in:

- Shipping companies
- Logistics companies
- International Freight forwarding companies and
- Ports

Sanctioned Strength : 120

Commencement of the classes: End July / Early August

Both Boys and Girls are eligible to apply

M.B.A. Shipping and Logistics Management

Duration : 2 years

Eligibility:

1. Any degree from a recognized University with 50% marks.

(OR)

2. Mariners holding the following professional qualification obtained after a minimum duration of study-cum-training of 6 years after 10+2 leading to:

a) Master Foreign Going Certificate of Competency.

(OR)

b) First Class Motor or Steam or Combined (Chief Engineer)) Certificate of Competency issued by the Directorate General of Shipping, Ministry of Shipping, Government of India or its counterparts in other countries.

Mode of Selection: CAT / MAT / XAT / ATMA / JMET / TANCET scores will be accepted. If a candidate has not taken any of the above tests, he/she will be asked to appear for a test conducted by AMET.

Group Discussion / Personal Interview : Group Discussion / Personal Interview will be held in the following locations: Chennai / Bangalore / Hyderabad / Mumbai / New Delhi / Calcutta / Ranchi

Commencement of the classes : End July / Early August

Sanctioned Strength : 120

LIST OF COMPANIES WHICH RECRUITED BBA & B.COM STUDENTS

- | | |
|----------------------------------|------------------------------------|
| • DA Desk, Dubai | • Unique Freight Liner, Chennai |
| • Ocean Masters Marine, Malaysia | • C-EXIM Logistics, Chennai |
| • Expo Freight, Dubai | • Ashapura Forwarders, Gujarat and |
| • CMA-CGM, Chennai | • Other Ports & Shipping Companies |
| • Hapeg-Llyod, Chennai | • Anand Tech Verce (IT), Chennai |
| • Sea Port Logistics, Tuticorin | • Negociscorp (Finance), Chennai |

Executive Ship Management, Chennai





Photo Courtesy : Maersk Rijeka

Department of Maritime Commerce

Department of Maritime Commerce

Under Graduate Programme

B.Com. Logistics and Computer Applications
(3 years)

B.Voc. (BFSI) Banking Finance Services and
Insurance (3 Years)

B.Com. Logistics and Computer Applications

Duration: 3 years / 6 semesters

Eligibility : Pass-in Higher Secondary with 50% marks in the
Commerce & Accountancy / Computer Applications

Mode of Selection : AMET Entrance Exam

Job Opportunities : Executive position in

- Logistics companies
- IT companies
- Shipping companies
- Freight Forwarding companies and
- Sea ports & Air ports

Commencement of the classes : End July / Early August

Sanctioned Strength : 30

Both Boys and Girls are eligible to apply

B.Voc.(BFSI) Banking Finance Services and Insurance

Duration: 3 years / 6 semesters

Eligibility : Pass-in Higher Secondary with 50% marks in any
group.

Mode of Selection : AMET Entrance Exam

Features :

- Students will be trained in BFSI Industry (Banking, Finance, Service and Insurance) for Internship and on-the-job training
- After training, companies will recruit the students directly
- Very much affordable fees
- Scholarship will be provided

Commencement of the classes : End July / Early August

Sanctioned Strength : 25

Both Boys and Girls are eligible to apply



Department of Food Processing Technology

Programmes Offered

Under Graduate Programme

- B.Tech. Food Processing Technology - 4 years

B.Tech. Food Processing Technology

The main objective of the department is to create trained and skilled human resources to cater the needs of the rapidly growing Food Processing sector. The department is currently offering Ph. D. programme on Food Processing Technology. The department also aims at human resource development for supporting the food processing sector and to promote research and development for product and process and assure quality and safety of processed foods. The Course been approved by AICTE. The courses are taken by highly qualified and experienced faculty from the same stream.

Duration: 4 Years (8 semesters)

Eligibility: Should have passed 10+2 with Physics, Chemistry, Maths or Biology with minimum 50% marks in aggregate.

Mode of Selection: Entrance Examination and Personal Interview

Sanctioned Strength : 60

Both Boys and Girls are eligible to apply.

Scope of Food Processing Technology :

Indian Food sector contributes to 28% GDP of total trade. Dairy and Cereal production ranks first which provides growth in food processing and technology, which provides very well growth in industrial and product preparation sectors. Rapid growth in field of food processing invites investors to invest in food sectors. India also estimates a Foreign Direct Investment of \$3 Billion. Survey says that by 2025 the industrial food sector can expect a growth of 25%. Indian government involves greatly in improvement of food processing and it has signed installation of twenty one Mega Food

Parks and it is found that four Food parks in operation. The various schemes and organization are being involves greatly in development of food processing including MAKE IN INDIA, MOFPI, FCI, EDP, MSME, etc. Exporting of food products from India to European Unions, US and Arab countries has its own demand for the Indian food products for its safe and quality.

Students of Food Processing Technology are having job opportunities in dairy industries, fruits and vegetable processing sectors, cereals and pulses manufacturing unit, oils and fats processing industries, meat and marine processing industries, bakery and confectionery industries, spices mixes and condiments manufacturing industries, and Equipment manufacturing industries.

Students are trained to work in processing plant with designation as Food Processors, Process Development Specialist, Manufacturing Specialists, Food Production Manager, Sales, Marketing & Branding, Food Scientist, Food Technologist, Food Chemist, Product Development Specialist, Food Formulation Scientists, Food Chemist, Food Inspector, Toxicologist etc. Government of India have many schemes and subsidies for Food Business Operators to start new or expand their Food Businesses.

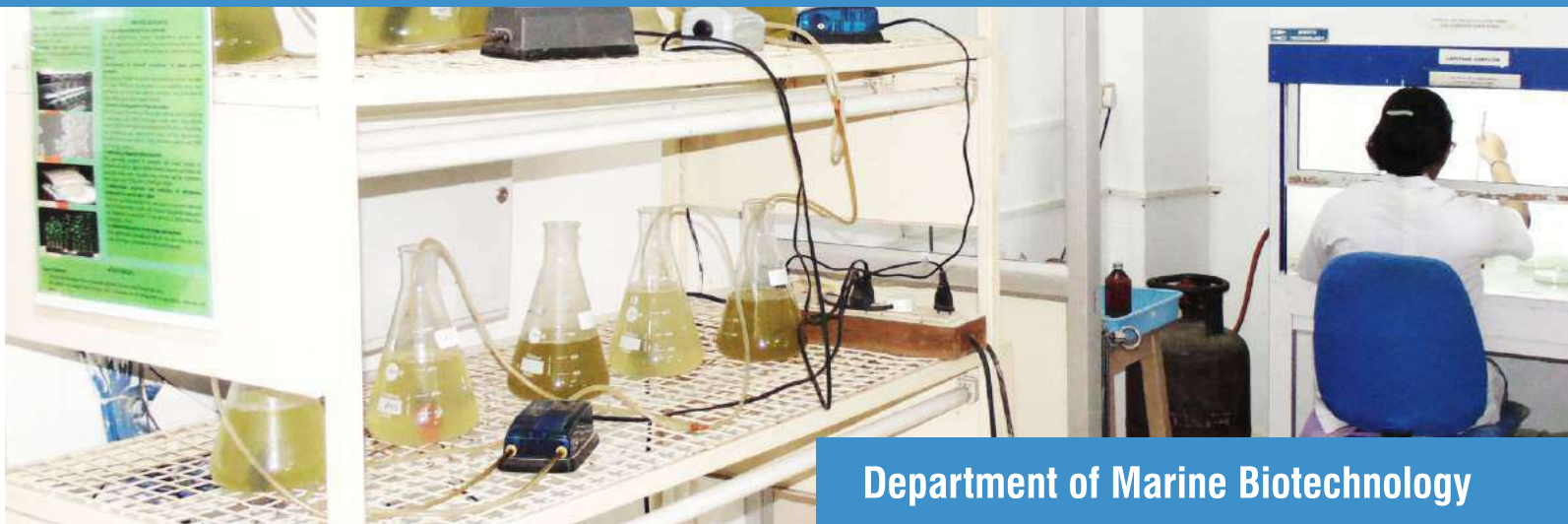
Certification program :

Department of Food Processing Technology is being proposed to conduct certified training programs in Quality Assurance, which enhance the specific domine knowledge among the students in the carrier prospective. Trainings are listed below.

1. HACCP Training
2. Internal Auditing – FSSC / ISO 22000:2018

Scope for placement :

B. Tech (Food Processing Technology) students could be placed in any of the listed Government sectors or reputed Private sectors. Also the scope for Higher Education and Research prospective both in India and Abroad are huge for Food Processing Technology.



Department of Marine Biotechnology

Programmes Offered

Post Graduate Programme

- M.Sc. Marine Biotechnology - 2 years

M.Sc. Marine Biotechnology (A New Emerging Field)

M.Sc. Marine Biotechnology is a unique post graduate degree which is offered by few institutions in India. AMET is proud to have such a unique course with International Standards. Our course curriculum has been very sincerely prepared to help the students to get world class information and exposure. Doing M.Sc. Marine Biotechnology at AMET will enhance your job opportunities in the academic, research and development and industry sectors pertaining to Marine Biotechnology.

Duration : 2 Years; 4 Semesters

Eligibility : B.Sc. Degree (55%) in any subject of Life Science / Agriculture / B.E / M.B.B.S / B.V.Sc., of a recognised Indian or Foreign University.

Salient Features

- Our PG Program has been planned in such a way to equip the students to make them confident enough in facing the job market.
- Our course curriculum has given equal emphasis on both industry, research and academia needs
- We encourage our post graduate students take part in the scientific events throughout the Nation
- During their course, they need to undergo research projects through which make our students have got publications in journals of International reputation. Industrial visits, field visits and tours are part of the curriculum
- At departmental level, we enrich extracurricular, co-curricular and interpersonal skills of our students through Luminous Club.
- We are training our students to equip themselves for a research career and we are proud to say our students are now able to do independent research on some unique fields such as luminescent bacteria, fluorescent pseudomonads, marine actinomycetes, extremophilic bacteria, halophilic archaea etc.
- We have strong MoUs and collaborations with many foreign Universities and private Biotech companies in India and abroad through which we offer higher studies opportunities and placement assistance for all our meritorious students

Sanctioned Strength : 18

Boys and Girls are eligible to apply



A State of the Art Polaris Bridge Simulator has been installed in our campus. Kongsberg, Norway, leaders in Maritime and Offshore Simulators have supplied the hardware and the software for this Simulator. This advanced equipment will add skills to our students to navigate ships of all classes, plan and conduct passage, determine location, use radar, respond to distress calls etc., all sitting in front of the Simulator, powered by

advanced technology. No lesser in technology is the Neptune Engine Room Simulator, which was simultaneously installed. This 21st Century simulator will provide the student Real Time/ Hands On experience with Diesel Engine Plants. This Simulator along with the Bridge Simulator will replicate the activities of a real ocean sailing vessel.



RESEARCH & DEVELOPMENT DIVISION



Photo Courtesy : A2 SEA

The University is engaged in pursuing Quality Research in the following Maritime Emerging areas.

- Maritime Education, Ship Design, Marine Pollution, Maritime Security
- Climate Change, Vessel Traffic Management, Ocean Acidification
- Coastal / Marine Management, Inland Water Studies, Estuarine Studies
- Maritime Policies, Shipping & Logistics Management, Maritime Law
- Marine Insurance, Maritime Fleet Operations, Oil & Gas, Wave Energy
- Marine Human Resource Management, Offshore Wind Energy
- Port Safety and Waste Management, Coastal Hazards, Disaster Mitigation
- Oil Pollution and Oil Slick, Marine Navigation, Cargo Handling
- Material and Invasive Species, Bio fouling, Maritime Ecology
- EXIM Studies, Maritime Boundaries, Maritime Terrorism and Piracy
- Deep Sea Mining, Health and Environment, Chemical Dispersion.

✍ To enhance and sustain Research Activities at AMET University the following TWO Research Centres have been established.

1. Centre for Maritime Information Services in association with Chennai Port Trust
2. Centre for Non Destructive Evaluation in association with Indian Society for Non - Destructive Testing

INTERNATIONAL RESEARCH JOURNALS

Number of International Research Journals published : FOUR

Frequency of publication : Bi – Annual

60% of the papers from International Authors with many International experts on the Editorial Board.

1. AMET International Journal of Management (AIJM)

ISSN NO: 2231 – 6779

2. AMET International Maritime Research Journal (AIMRJ)

ISSN NO: 2347 – 274X

3. AMET International Journal of Physical and Chemical Science

ISSN NO: 2395 - 6275

4. AMET International Journal of Marine Biosciences (JMBS)

ISSN NO: 2454 - 3519 for printing and ISSN NO: 2454 - 3527 for online

Research Projects, Publications, Patents, Training and Consultancy Services

Our University Faculty Members have published a number of articles in Scopus/High Impact Factor Journal and also filed and published a number of Patents. Further our Research Projects and Training Programme are being recognized and sponsored with Research Grants by the National Funding Agencies / Research Organisation like Department of Science and Technology , Indian Council of Social Science Research , Bharatiya Nabhiya Vidyut Nigam Limited, Board of Research in Nuclear Sciences , Indian Space Research Organization , Indian National Centre for Ocean Information Services and Chennai Port Trust, etc.

The Consultancy Services are rendered to various Industries/Research Organizations in the form of Industry Consultancy, Project Management, Ship Repair & Maintenance, Aquaculture etc.

ACADEMIC RESEARCH PROGRAMMES

Ph.D.PROGRAMME

Full time & Part-Time

M.PHIL PROGRAMME

Full - Time & Part - Time

INSTITUTIONAL MEMBERSHIP WITH PROFESSIONAL SOCIETIES

- International Association of Maritime Universities (IAMU)
- Association of Indian Universities (AIU)
- Indian Science Congress Association (ISCA)
- The Biotech Research Society of India (BRSI)
- Indian Society for Technical Education (ISTE)
- Computer Society of India (CSI)
- Royal Institute of Naval Architecture (RINA)
- All India Management Association (AIMA)
- The Institution of Engineers (IE) India



DEPARTMENT OF CHEMISTRY

Chemistry being a core subject of all basic sciences the Department offers a common and robust platform for all engineering branches. The department of Chemistry teaches the basic theory and practical aspects of the subject to students of all marine and non-marine engineering courses.

In addition to the above, the Chemistry department is actively engaged in advanced research programmes related to bentonitic clays for drilling fluids, solid acid catalysts from clays, mixed oxide catalysts, organic synthesis and new-cathode materials.

DEPARTMENT OF PHYSICS

All branches of Engineering stands on two pillars-Mathematics and Physics. Here in AMET, Physics finds a pride of place in the curriculum of all Engineering branches and Nautical Science. Theory classes are supported by adequate experimental works in the spacious and modern physics laboratory.

The department is encouraging research activities. At present research is carried out in Crystal Growth. During the next academic year, we propose to add Thin Film Technology to the research field.

DEPARTMENT OF MATHEMATICS

MATHEMATICS plays a vital role in all walks of life. Here in AMET, Mathematics is taught to the students of all branches. The well furnished classrooms provide a healthy ambience to acquire the salient points of the subject. The Department of Mathematics is well equipped with experienced and talented teachers. Currently research is going to Finite Element Method. Also we have proposed to do research in Operations Research and Fluid Dynamics.

DEPARTMENT OF PHYSICAL EDUCATION

Physical Education department provides opportunity for cadets and students to increase their physical activity levels through Intramural Tournament every year. The following sports & games such as Carrom, Table Tennis, Chess and Outdoor games such as Badminton, Basketball, Cricket, Football, Kabaddi, Swimming, Handball and Volleyball were conducted by the Department for all the Cadets and Students of the University.

DEPARTMENT OF ENGLISH

All cadets / students of DG and Non-DG courses are taught English for enhancing the cadets / students communication competency. IELTS Training is also offered for international students. English has been gaining greater importance for global communication. Its competency enhances one's confidence and employability in global situations.

The English Department is engaged in teaching and training marine cadets / students of different branches to equip them with English language fluency along with the salient technical vocabulary.

DEPARTMENT OF SOFTSKILLS

Department of Soft Skill Training came into existence in January 2010. Considering the fact that during the last decades in society the perceived importance of soft skills has increased significantly, we have incorporated the department of soft skills The academic mainstream to fortify the skills and competency of the students.

Soft skills are personal attributes that enhance an individuals' interaction effectively and highly deal with behavioral competencies of the students, Interpersonal Skills, Effective Communication, Positive Thinking towards life and workplace, Conflict Management, Leadership, Team building, Job performance and career prospects.

AMET CENTRE FOR IELTS (ACFI)

ACFI has a strong commitment to provide quality English language teaching and excellent student services.

The Centre is accredited by the British Council for the exam registration of IELTS (International English Language Testing System) and holds the gold membership certificate for the 2013-2014 partnership program with the British Council.

Courses Offered:

1. English for International Communication for overseas students
2. IELTS Exam Coaching
3. Special Spoken English classes for Indians, Staff Members, Less privileged students of the community
4. Special pronunciation Class
5. Individual coaching in all four skills (Listening, Reading, Writing & Speaking)
6. Counselling for students (academic & personal)



DEPARTMENT OF INFORMATION TECHNOLOGY

The Department of Information Technology was established in the year 2007 with the commitment to prepare competent graduates who would be up to the challenge of implementing viable and sound IT solution specifically in marine, nautical and shipping application domains. In view of the need for such professionals, the curriculum is designed to stimulate the students' urge for learning and are nurtured to cater to the demands of industry.

The Department places equal emphasis on theoretical and practical knowledge in the area of Information Technology. The Department is facilitated with adequate computing infrastructures and a Department library. Having the Faculty with rich expertise on IT domain knowledge, they are able to mentor and facilitate the students to be competent enough for industries, higher studies and research.

COMMUNITY PROGRAMME FOR EMPOWERING ECONOMICALLY POOR RURAL WOMEN OF KANATHUR VILLAGE

Scope of the Program

- To support economically poor rural women emboldened to become an entrepreneur to start their own business
- To support with Job oriented training to get jobs in premier organizations
- To encourage the womenfolk of Kanathur Village for whom the economic empowerment is appealed
- Upon successful, this program will cover for other villages too significantly bringing poor women to economic independence

Programmes Offered

Certificate Course in Tally : 60 Hours

- Eligibility : Plus 2
- Course Fee : Free
- Course Duration : 3 months

Certificate Course in Digital Photo Editing : 60 Hours

- Eligibility : Degree
- Course Fee : Free
- Course Duration : 3 months

DIRECTORATE OF PLACEMENTS

A full-fledged and exclusive department of Placement came into existence in January 2010, considering the fact that during the last decades we have sensed that there is a growing need for a nodal point of contact for companies seeking to establish a fruitful relationship with our university. It is not just a competitive world but a competitive job market especially in the Maritime Industry. The huge responsibility of placing every cadet/student is accorded "highest priority" of the Placement Department.

AMET has been considered as a one-stop recruitment destination for companies which are into multiple areas of Maritime Industry. Sailing on-board the ship, Offshore, Dredging, Oil exploration, Ship designing building/repair, Electrical and Electronics manufacturing, Coastal Modeling, Wave Dynamics, Under-water Pipelines, Break-water construction are a few areas to mention where our cadets/students have been placed across the globe. Companies like **Shell Ship Management**, **Seastar**, **Synergy**, **UOSM**, **Seateam**, **TPK Group**, **ISL**, **Kuehne+Nagel**, **MISC**, **Vik-Sandvik**, **Scorpio**, **Leaap International**, **Ocean Masters**, **Herning Shipping**, **Northern Marine**, **Larsen & Toubro**, **DA-Desk**, **CRS**, **Sembcorp Marine (Sembawang & Jurong Shipyard)**, **Indomer Coastal Hydraulics**, **Mitsui OSK Line**, **Maersk Line- Singapore**, **Pipavav Defence & offshore**, **Tsakos Ship Management Greece**, **SCI**, **Chevron**, **AET**, **VR Maritime**, **APL Singapore**, **Herning Shipping**, **D'Amico Ishima** etc.

The Placement department continues to network, establish contacts, and invite companies in India and abroad with a policy 'leave no stone unturned' In order to make the students employable. Internally an assessment is made to know the needy area of training and a Training Need Analysis (TNA) is done. The students are assessed on various aspects including Communication skills, Attitude & Aptitude, Skills, Knowledge (CASK) and an independent Placement Score Rating is calculated and displayed to make it transparent.

The placement score rating is used to prepare an individual Intervention Plan (IIP) and is taken as reference document for formulation of Training course. We do invite professional trainers to supplement to efforts of Placement department. One specific program tailored as "Remedial Training for English communication skills", where students from Tamil / other vernacular Language medium schools who find it difficult to converse in English are given confidence building Sessions with public speaking. Thus the EPT (Essential Placement Training) prepared by the Placement department is an unique proposition of AMET.

AMET STUDENTS PLACED WORLD WIDE

B.E. Marine Engineering and B.Sc. Nautical Science Cadets



B.E. Naval Architecture Students



AMET STUDENTS PLACED WORLD WIDE

Master in Business Administration Students



Bachelor in Business Administration Students



B.E. Harbour and Ocean Engineering



B.E. Electrical and Electronics Engineering - Marine



B.E. Petroleum Engineering



STATE OF THE ART – LIBRARY



Prof. V.B.S. RAJAN LIBRARY

The Central Library has been functioning in a separate building and the total area of the library is 2936.38sq.m. The Library is named after Prof. V.B.S. RAJAN LIBRARY which was inaugurated by Mr. Efthimios E. Mitropoulos, Chancellor, Secretary General Emeritus, International Maritime Organization (IMO) on 4th September, 2014.

LIBRARY COLLECTION

Total No. of Volumes	: 70126
Total No. of Titles	: 18185
Theses/Dissertation	: 2046
Back Volumes	: 2460

PERIODICALS

Journals	: 212
Magazines	: 103
News Papers	: 16

E-BOOKS

PROQUEST E-Books	: 40,758 e-books
DELNET E-Books	: 10,353 e-books

E-JOURNALS

IEEE	: 183 e-Journals + Back file to 1998
ELSEVIER (SCOPUS + Science Direct)	: 340 e-journals
ASME	: 31 e-journals
ASCE	: 38 e-journals
J-GATE Engineering	: 4285 e-journals
EBSCO	: 1079 e-journals
J-GATE Management & Social Science	: 4538 e-journals
DELNET E-JOURNALS	: 5000 e-journals

NPTEL

Video courses	: 31780
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FACILITIES / VALUE ADDED SERVICES

In order to meet the contemporary needs of the library users, the Central Library offers the following facilities and value added services through Information and Communication Technologies (ICT).

- LIBRARY AUTOMATION
 - Web OPAC (Online Public Access Catalogue)
 - ACCESS CARDS
 - LIBRARY WEB PORTAL
 - REFERENCE SERVICES AND REFERRAL SERVICES
 - THESES/DISSERTATIONS FACILITY
 - SELECTIVE DISSEMINATION OF INFORMATION SERVICE (SDI)
 - CURRENT AWARENESS SERVICE (CAS)
 - ARTICLE ALERT SERVICE
 - NEWS PAPER-CLIPPINGS SERVICE
 - REPROGRAPHY SERVICES AND SCANNING FACILITIES
 - INSTITUTIONAL MEMBERSHIP
- DIGITAL KNOWLEDGE CENTRE
 - ✍ IEEE E- JOURNALS
 - ✍ ELSEVIER PACKAGE: SCOPUS AND SCIENCE DIRECT
 - ✍ ASME E- JOURNALS
 - ✍ ASCE E- JOURNALS
 - ✍ J-GATE E- JOURNALS
 - ✍ EBSCO BUSINESS SOURCE ELITE
 - ✍ DELNET E- Journals
 - ✍ PROQUEST E- BOOKS
 - ✍ AUDIO VISUAL SECTION
 - ✍ VIDEO COURSE MATERIALS
 - ✍ SWAYAM PRABHA
 - ✍ NATIONAL DIGITAL LIBRARY OF INDIA
 - ✍ INSTITUTIONAL REPOSITORY
 - ✍ USE OF PLASMA TV



EIGHTH CONVOCATION





RESIDENTIAL FACILITY





ACADEMIC GOVERNANCE



Chancellor

Dr. J. Ramachandran is also the Chairman of a social welfare organisation called New era Association of Educated Self-Employed Youth (NAESEY) which generates self employment opportunities for the educated unemployed. He was invited in 1991 by the US government to participate in a community symposium along with leading social activists from 18 other countries. The associates of Dr. J. Ramachandran include Saraswathi Institute of Medical Sciences and AMET Shipping India Private Limited. He was awarded Doctorate of Honoris Causa by York St. John University, York, UK on 19th November, 2010. "Lifetime Achievement Award 2017" presented by Shri Nitin Gadkari, Hon'ble Minister of Road Transport and Highways, Shipping and Water Resources, River Development and Ganga Rejuvenation, Government of India. AMET for his meritorious and exemplary contributions to the global Shipping Industry on the occasion of World Shipping Forum 2017 Convention conducted by the Institute of Marine Engineers (India), Chennai Chapter.

Pro Chancellor

Dr. Rajesh Ramachandren is an MBA graduate from Cardiff Business School, UK and Doctorate from Commonwealth University, UK. He is responsible for the finance management and administration of the university. He was the draftsman for entering into collaboration with leading universities in the UK and also responsible for interacting and drafting MoU's for students' placements with leading shipping companies in the world.

As the youngest, dynamic and most enterprising personality on the team, he aims to help the students capture the excitement of discovery in their learning, to reinforce the need for inquisitive minds and creative thinkers, and to produce in our graduates the core skills and attributes employers want.

As the Pro Chancellor of this amazing University, he enjoys the wide-eyed enthusiasm the new students arrive with, and is passionate about seeing that Setting off constructive sparks in their academic and personal activities. He wholeheartedly believes that the students of AMET will be better leaders in the society and in their workplace because of the transformational training they will receive as upcoming Maritime Leaders of the world.



Vice-Chancellor

Col. Dr. G. Thiruvassagam brings with him his dynamic experience of four decades, his keen sense of justice and his generous spirit of fraternity. All of these served him well in a career spanning 34 years: first as Professor of Commerce and Management then 10 years as Principal including a stint as Member of the Syndicate of Madurai Kamaraj University. He then went on to reach the academic pinnacle as he was nominated as Vice Chancellor for two successive terms (between 2006-2012) of two eminent universities in Tamil Nadu namely Bharathiar University, Coimbatore and the prestigious 155 year old 'Port' University of India, the University of Madras.

Col. Dr. G. Thiruvassagam has had the privilege of serving as a Member in various committees of prestigious bodies including Planning and Academic Committees and Visiting Committees of University Grants Commission, as well as Visiting and Evaluation Committee of National Assessment and Accreditation Council. He has served as Executive Committee Member in Tamil Nadu State Council for Higher Education which is the top level Planning Board of the Higher Education of the State. He was one of six Vice Chancellors of India invited to serve on the Central Advisory Board for Education (CABE), the apex body responsible for making recommendations to the Ministry of Human Resource Development on all aspects of Higher Education.

Col. Dr. G. Thiruvassagam authored 17 Books and 40 Research articles both with National and International Journals.



ACADEMIC GOVERNANCE

Principal - DGS Courses and Head of the Department - Marine Engineering

Pro Vice-Chancellor



KR. Chidambaram a mechanical engineering graduate from Madurai university. Completed marine engineering training at Madras Port Trust and joined SCI as junior engineer in the year 1973. After serving in SCI for 9 years joined 'Univan Ship Management Ltd; Worked continuously in univan for about twenty two years. Having sailing experience for about 31 years and a MOT First class Motor certificate holder. Served in the rank of Chief Engineer for about 21 years in various types of ships such as general cargo ships, crude oil carriers, chemical tankers, containers and passenger ships. Joined 'Sri Venkateswara College of Engineering' as Professor in marine engineering department in the year 2003. Worked for three years there. After sailing for one more year joined AMET as professor in marine engineering department in the year 2007. Taken over charge as Head Of The Department for Afloat Training Program in Ship-In-Campus. Taken over charge as Principal for Directorate General Of Shipping courses in the year 2015. Had made three Publications in international magazines. Nominated as examiner by Directorate General Of Shipping, India. He is also member of the Marine Engineering Board of Examinations in Anna University, Chennai.

Pro Vice-Chancellor



Dr. N. Manoharan is Pro Vice-Chancellor of AMET University, Chennai. He is Doctorate in Mechanical Engineering with over 32 years of Teaching, Research and Administrative experience in Engineering College / University level. He has specialized in the area of Internal Combustion Engines, Thermography, Radiography and Nano Technology. He has published around Three Hundred and Seventy Nine Technical papers in different National / International Journals / Conferences of various areas of research. He has filed & Published Sixteen patents in different areas of Research. He has worked around Forty Two sponsored projects and organized to receive Fifty sponsored projects from various Government of India funding agencies. Presently he is working in Two Government of India Research Projects. He has organized many MoU's with Government of India Organizations for various Universities/ Colleges. He is a life Member of more than Sixteen Professional Societies. He has served in various higher positions in different Organizations including Vice-Chancellor, Director, Dean, Professor and Principal. He has served as Executive Council Member of Indian Society for Technical Education (ISTE), New Delhi for four years and Chairman of Tamilnadu & Pondy section of ISTE for two years. He has also served as Editor-in-Chief of Four National and Four International Journals. He is serving as Vice Chairman of Marine Technology Society (MTS), USA India Section

Registrar

Dr. P. Saravanan, M.A., M.Phil., Ph.D., Former Registrar of the University of Madras, has 35 years of academic experience in teaching and educational administration. He proved his administrative acumen, whenever he was asked to shoulder the administrative responsibilities. He had served for five years as Controller of Examinations and two years as Head of the Department of History at Govt. Arts College, Chennai, where the sound practices he had established were appreciated by fellow academicians. He had the great opportunity of serving as the Registrar of the University of Madras for nearly two years. To his role as Registrar, AMET he brings with him sincerity of purpose, commitment towards the growth of the institution and the dedication in discharging his responsibilities.





ACADEMIC GOVERNANCE



Dr. R. Muthezhilan
Controller of Examinations i/c



Capt. K. Karthik
Head of the Department
Nautical Science & HND



Dr. T. Sasilatha
Head of the Department
Electrical and Electronics Engineering



Dr. A. Rajesh Kanna
Head of the Department
Department of Petroleum Engineering



Dr. J. Rengamani
Director - AMET Business School



Dr. G. Nagamaniammai
Head of the Department
Food Processing Technology



Dr. L. Rajendran
Head of the Department
Mathematics



Dr. N. Sivakumar
Head of the Department
Chemistry



Dr. P. Deivasigamani
Director
Industry Institution Collaborative Cell (IICC)



Dr. N.R. Ramkumar
Director - Department of Physical Education
Proctor - Hostels



Mr. K. Seyadu
Director - Students Affairs and
Chief Warden



Dr. K. Duraipandian
Head of the Department
Maritime Commerce



Dr. K. Thiruvengatasamy
Head of the Department
Harbour and Ocean Engineering



Dr. R. Rajavel
Head of the Department
Mechanical Engineering



Dr. M. Jayaprakashvel
Head of the Department
Marine Biotechnology



Mr. MSP Raju
Head of the Department
Naval Architecture



Dr. K.S. Siva Subramanian
Head of the Department
Mining Engineering



Dr. K. Komathy
Head of the Department
Information Technology



Dr. Z. Justin
Head of the Department
English



Dr. R. Baskaran
Head of the Department
Physics



Managing Trustee - AMET Trust

Mrs. Susheela Ramachandran is the Managing Trustee of AMET Trust. She is a Post-graduate from University of Madras. She is a reputed teacher and trainer and she has spent more than three decades in the Educational sector. Her motivation and practical exposure have made AMET unique in the field of education. She is an exuberant personality in the Campus.



Senior Vice President

Mr. S. Karikalan is a trust representative of AMET. He is a graduate from the University of Madras. He shoulders all the major responsibilities in the Administrative and financial activities of AMET and steers the University to function as a world class University. He is a motivator for the youth to gear up and develop self confidence in their own abilities to create a successful future. He was formerly a Rotarian and presently he is a member of the Lions Club rendering social service to the needy people or organizations. He also coordinates with various educational related authorities for the smooth running of the University.

Director - Administration

Mrs. V. Sangeetha Albin, B.E, MBA, is the Director of Administration. She takes overall responsibility for ensuring the efficient operation of the administrative activity of the University. She earlier worked as Solutions Engineering South India Manager in Kuehne-Nagel, a German based MNC and was deputed to Bremen, Germany for handling European logistics projects. She partners with senior leadership in the execution of various projects as required and provides executive support. As an energetic young director, she manages various employee related issues, functions as a mediator and assists in reviewing employee needs and recommends appropriate training and development programmes.





AMET SILVER JUBILEE CELEBRATION AT SINGAPORE



On the occasion of AMET Silver Jubilee Year celebration, a gala event to honour and celebrate all our alumni, was held at SUNTEC Convention Centre, Singapore on 20 July 2018. Twenty five years had flown by, since the establishment of AMET in 1992. The Celebration was a nostalgic reunion for most alumni and commenced with a welcome address and a presentation on AMET's Journey down the years from 1992..

Our Vice Chancellor. Col. Dr. G.Thiruvassagam welcomed the 120 odd guests with his warm words. Pro Chancellor Dr. Rajesh Ramachandran expressed his sincere gratitude to the guests for their continued support and feedback for the wellness and sustained growth of the University.



Chancellor Dr J Ramachandran gave a stirring, address to the assembled gathering taking them down memory lane. He talked about the success and tribulations of building this world class university He thanked all those present for their unstinted support in this journey and expressed the hope that the alumni come and visit their Alma Mater from time to time and offer their suggestions to improve and to improvise..

Many alumni spoke warmly about how AMET had changed their lives and brought them to their current positions. They wanted such meets to become an annual feature in Singapore and at the Chennai campus of AMET University, thereby, strengthening the bonds between AMET and themselves..



Route to AMET

Distance to AMET
From

Airport 35 kms

Pre paid Taxi /
Call Taxi

Chennai Central
Railway Station 30 kms
MTC Bus No.: 19G / 19E

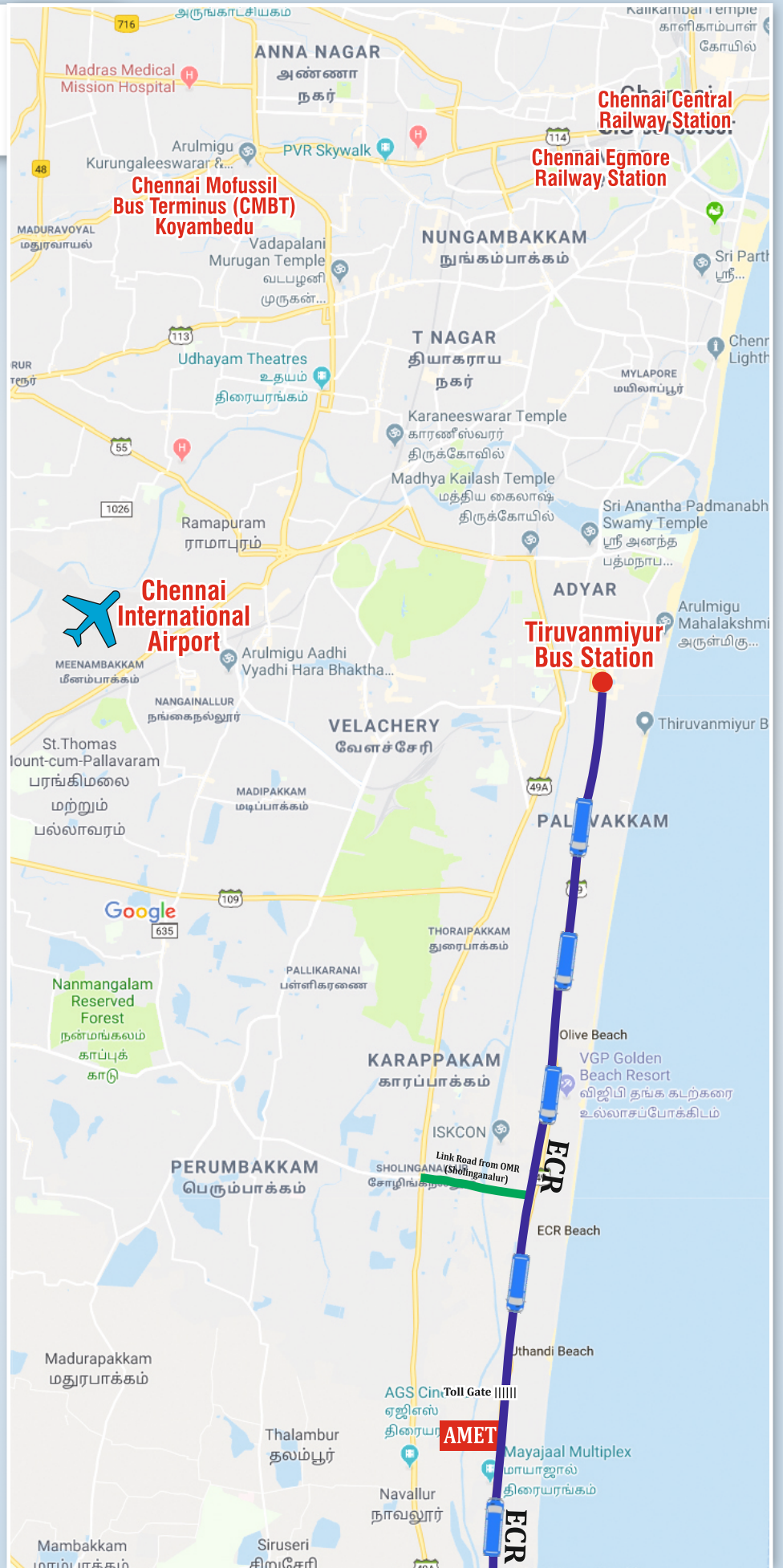
Chennai Egmore
Railway Station 30 kms
MTC Bus Egmore to
Thiruvanmiyur
29C

Thiruvanmiyur to AMET Campus
(Kanathur - Via ECR) 109 / 19H /
588 / 599

CMBT Bus Terminal (Koyambedu)
M70 (upto Thiruvanmiyur)
Thiruvanmiyur to AMET Campus
(Kanathur -Via ECR) 109 / 19H /
588 / 599

AMET Campus Landmark
Before Mayajaal

Hotel Accommodation
Available at Thiruvanmiyur,
Neelangarai, Kanathur





AMET proudly holds the distinction of
“Grade A1 (Outstanding)”
for all DG Courses
for the last five years
continuously



AMET prime choice
to **succeed**



AMET
ACADEMY OF MARITIME EDUCATION AND TRAINING
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Admission Department

093810 55898 / 93443 91418 / 93444 08532 / 87545 99801

For All Admission Enquiry, Email has to be sent only to
admission@ametuniv.ac.in

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www.ametindia.com